**Module-4**

1) Which Componant have you used in load runner?

 Load Generator generates the load against the application by following scripts. VuGen (Virtual User Generator) for generating and editing scripts. Controller controls, launches and sequences instances of Load Generator - specifying which script to use, for how long etc.

2) How can you set a number of vusers in load runner?

You can set the number of Vusers in the controller section while creating your scenarios. Many other advanced options like ramp-up, ramp-down of Vusers are also available in the Controller section.

3) What is correlation?

Correlation test is used to evaluate the association between two or more variables. For instance, if we are interested to know whether there is a relationship between the heights of fathers and sons.

4)What is process for developing a vsuer script?

* Step 1- Record the Vuser Script.
* Step 2- Playback and improve the recorded vuser script.
* Step 3- Define and test the different run-time parameters.
* Step 4- Use the script in a LoadRunner scenario.

5) How load runner interact with application?

 LoadRunner can simulate thousands of users running application software at the same time, capturing and assessing key component performance.

6) How many vusers are required for load testing?

For HTTP (S) test each Load Injector can handle approximately up to 1000 concurrent HTTP users. For Web page or Web application test each Load Injector can handle approximately up to 25 concurrent users.

7) What is the relationship between response time and throughput?

The response time for an average transaction tends to decrease as you increase overall throughput.

8) What is the different between hit second and different second?

Hits/second are the number of HTTP requests made by VUsers to the Web Server in a scenario or session step run on a per second basis. Requests/second are the number of requests completed during each second of scenario run.